ANNUAL INDEX

VOLUME 43

FALL 1997 – SUMMER 1998

INDEX BY SUBJECT

SUBJECT DIVISION	VOL., NO., PAGE
BENEFIT COST ANALYSIS	
"Discount Rates for Government Investment Projects: The Economic Logic Behind OMB Circular A–94," Matthew S. Goldberg	43: 4, 290
CAPACITY EXPANSION	
"Capacity Planning with Demand Uncertainty," Bala V. Balachandran, Ramji Balakrishnan, K. Sivaramakrishnan	43: 1, 49
CAPITAL BUDGETING	
"Capital Budgeting Decisions With Fuzzy Projects," Chan S. Park, Chui-Yu Chiu	43: 2, 125
"Net Present Value When the Firm Is in a Loss Carryforward Position," William J. Hurley, Lewis D. Johnson	43: 1, 73
"Discount Rates for Government Investment Projects: The Economic Logic Behind OMB Circular A–94," Matthew S. Goldberg	43: 4, 290
"On the Use of Martingales in Monte Carlo Approaches to Multiperiod Parameter Uncertainty in Capital Investment Risk Analysis," William J. Hurley	43: 2, 169
"Machine Selection and Part Assignment Analysis Under Annual Budget Constraint: A Capital Budgeting Case Study," Suebsak Nanthavanij, Pisal Yenradee	43: 4, 345
"Measures of Liquidity Risk Supplementing Fuzzy Discounted Cash Flow Analysis," E. Ertugrul Karsak	43: 4, 331

CAPITAL INVESTMENT ANALYSIS

"Net Present Value When the Firm Is in a Loss Carryforward Position," William J. Hurley, Lewis D. Johnson 43: 1, 73

"Fuzzy Nontraditional Capital Investment Criteria (NCIC)," Thomas O. Boucher, Ozerk Gogus 43: 3, 203

"Evaluating Flexible Manufacturing Systems Alternatives Using Data Envelopment Analysis," Joseph Sarkis 43: 1, 25

"Discount Rates for Government Investment Projects: The Economic Logic Behind OMB Circular A–94," Matthew S. Goldberg 43: 4, 290

"On the Use of Martingales in Monte Carlo Approaches to Multiperiod Parameter Uncertainty in Capital Investment Risk Analysis," William J. Hurley 43: 2, 169

CASE STUDIES

"Machine Selection and Part Assignment Analysis Under Annual Budget Constraint: A Capital Budgeting Case Study," Suebsak Nanthavanij, Pisal Yenradee 43: 4, 345

"Automobile Replacement Case Studies for Engineering Economy Classes," Joseph C. Hartman 43: 3, 278

"Using Opportunity Costs To Determine the Cost of Quality: A Case Study in a Continuous-Process Industry," Mario G. Beruvides, Diego A. Sandoval-Chávez 43: 2, 107

COST ACCOUNTING

"Capacity Planning with Demand Uncertainty," Bala V. Balachandran, Ramji Balakrishnan, K. Sivaramakrishnan 43: 1, 49

COST CONTROL

"Net Present Value When the Firm Is in a Loss Carryforward Position," William J. Hurley, Lewis D. Johnson 43: 1, 73

COST EFFECTIVENESS

"Using Opportunity Costs To Determine the Cost of Quality: A Case Study in a Continuous-Process Industry," Mario G. Beruvides, Diego A. Sandoval-Chávez 43: 2, 107

"Optimal Buyer–Seller Discount Pricing and Ordering Policy for Deteriorating Items," Hui-Ming Wee 43: 2, 151

COST ENGINEERING

"Using Opportunity Costs To Determine the Cost of Quality: A Case Study in a Continuous-Process Industry," Mario G. Beruvides, Diego A. Sandoval-Chávez 43: 2, 107

"Net Present Value When the Firm Is in a Loss Carryforward Position," William J. Hurley, Lewis D. Johnson 43: 1, 73

COST ESTIMATING

"Automobile Replacement Case Studies for Engineering Economy Classes," Joseph C. Hartman 43: 3, 278

DECISION ANALYSIS

"Optimal Buyer–Seller Discount Pricing and Ordering Policy for Deteriorating Items," Hui-Ming Wee 43: 2, 151

DECISION SUPPORT

"Capacity Planning with Demand Uncertainty," Bala V. Balachandran, Ramji Balakrishnan, K. Sivaramakrishnan 43: 1, 49

"Fuzzy Nontraditional Capital Investment Criteria (NCIC)," Thomas O. Boucher, Ozerk Gogus 43: 3, 203

DECISION THEORY

"Fuzzy Nontraditional Capital Investment Criteria (NCIC)," Thomas O. Boucher, Ozerk Gogus 43: 3, 203

ECONOMIC COMPARISONS

"Capacity Planning with Demand Uncertainty," Bala V. Balachandran, Ramji Balakrishnan, K. Sivaramakrishnan 43: 1, 49

"A Metamodel Approach to Sensitivity Analysis of Capital Project Valuation," David E. Sartori, Alice E. Smith 43: 1, 1

"Measures of Liquidity Risk Supplementing Fuzzy Discounted Cash Flow Analysis," E. Ertugrul Karsak 43: 4, 331

EDUCATION

"Automobile Replacement Case Studies for Engineering Economy Classes," Joseph C. Hartman 43: 3, 278

ENVIRONMENTAL STUDIES

"On the Use of the Profit Rate Function in Disassembly Process Planning," Quirico Semeraro, Francesco Jovane, Antonio Armillotta 43: 4, 309

FINANCE

"On the Use of Martingales in Monte Carlo Approaches to Multiperiod Parameter Uncertainty in Capital Investment Risk Analysis," William J. Hurley 43: 2, 169

"Net Present Value When the Firm Is in a Loss Carryforward Position," William J. Hurley, Lewis D. Johnson 43: 1, 73

FINANCIAL MATHEMATICS

"Measures of Liquidity Risk Supplementing Fuzzy Discounted Cash Flow Analysis," E. Ertugrul Karsak 43: 4, 331

"The Mid-period and Other Approximations in the Presence of Uniform Intraperiod Cash Flows: A Critical Evaluation of Relative Error," G.A. Fleischer, A.K. Mason, X.Y. Zhou 43: 4, 369

GOVERNMENT

"Discount Rates for Government Investment Projects: The Economic Logic Behind OMB Circular A–94," Matthew S. Goldberg 43: 4, 290

INVENTORY

"Optimal Buyer–Seller Discount Pricing and Ordering Policy for Deteriorating Items," Hui-Ming Wee 43: 2, 151

MANAGERIAL ECONOMICS

"Using Opportunity Costs To Determine the Cost of Quality: A Case Study in a Continuous-Process Industry," Mario G. Beruvides, Diego A. Sandoval-Chávez 43: 2, 107

"Net Present Value When the Firm Is in a Loss Carryforward Position," William J. Hurley, Lewis D. Johnson 43: 1, 73

MANUFACTURING

"Evaluating Flexible Manufacturing Systems Alternatives Using Data Envelopment Analysis," Joseph Sarkis 43: 1, 25

"Fuzzy Nontraditional Capital Investment Criteria (NCIC)," Thomas O. Boucher, Ozerk Gogus 43: 3, 203

"Using Opportunity Costs To Determine the Cost of Quality: A Case Study in a Continuous-Process Industry," Mario G. Beruvides, Diego A. Sandoval-Chávez 43: 2, 107

"Machine Selection and Part Assignment Analysis Under Annual Budget Constraint: A Capital Budgeting Case Study," Suebsak Nanthavanij, Pisal Yenradee 43: 4, 345

MATHEMATICAL MODELS

"Optimal Buyer–Seller Discount Pricing and Ordering Policy for Deteriorating Items," Hui-Ming Wee 43: 2, 151

"On the Use of the Profit Rate Function in Disassembly Process Planning," Quirico Semeraro, Francesco Jovane, Antonio Armillotta 43: 4, 309

MATHEMATICAL PROGRAMMING

"Capital Budgeting Decisions With Fuzzy Projects," Chan S. Park, Chui-Yu Chiu 43: 2, 125

"Evaluating Flexible Manufacturing Systems Alternatives Using Data Envelopment Analysis," Joseph Sarkis 43: 1, 25

"Machine Selection and Part Assignment Analysis Under Annual Budget Constraint: A Capital Budgeting Case Study," Suebsak Nanthavanij, Pisal Yenradee 43: 4, 345

MEASURES OF WORTH

"Using Opportunity Costs To Determine the Cost of Quality: A Case Study in a Continuous-Process Industry," Mario G. Beruvides, Diego A. Sandoval-Chávez 43: 2, 107

"Measures of Liquidity Risk Supplementing Fuzzy Discounted Cash Flow Analysis," E. Ertugrul Karsak 43: 4, 331

MULTIPLE CRITERIA ANALYSIS

"Fuzzy Nontraditional Capital Investment Criteria (NCIC)," Thomas O. Boucher, Ozerk Gogus 43: 3, 203

"Evaluating Flexible Manufacturing Systems Alternatives Using Data Envelopment Analysis," Joseph Sarkis 43: 1, 25

OPERATIONS

"On the Use of the Profit Rate Function in Disassembly Process Planning," Quirico Semeraro, Francesco Jovane, Antonio Armillotta 43: 4, 309

PLANNING

"Capacity Planning with Demand Uncertainty," Bala V. Balachandran, Ramji Balakrishnan, K. Sivaramakrishnan 43: 1, 49

"On the Use of the Profit Rate Function in Disassembly Process Planning," Quirico Semeraro, Francesco Jovane, Antonio Armillotta 43: 4, 309

PRICING

"Optimal Buyer–Seller Discount Pricing and Ordering Policy for Deteriorating Items," Hui-Ming Wee 43: 2, 151

PRODUCTION

"Fuzzy Nontraditional Capital Investment Criteria (NCIC)," Thomas O. Boucher, Ozerk Gogus 43: 3, 203

PRODUCTION ECONOMICS

"Using Opportunity Costs To Determine the Cost of Quality: A Case Study in a Continuous-Process Industry," Mario G. Beruvides, Diego A. Sandoval-Chávez 43: 2, 107

REPLACEMENT ANALYSIS

"Automobile Replacement Case Studies for Engineering Economy Classes," Joseph C. Hartman 43: 3, 278

RISK ANALYSIS

"On the Use of Martingales in Monte Carlo Approaches to Multiperiod Parameter Uncertainty in Capital Investment Risk Analysis," William J. Hurley 43: 2, 169

"Capital Budgeting Decisions With Fuzzy Projects," Chan S. Park, Chui-Yu Chiu 43: 2, 125

SENSITIVITY ANALYSIS

"A Metamodel Approach to Sensitivity Analysis of Capital Project Valuation," David E. Sartori, Alice E. Smith 43: 1, 1

SIMULATION

"A Metamodel Approach to Sensitivity Analysis of Capital Project Valuation," David E. Sartori, Alice E. Smith 43: 1, 1

TAXATION

"Net Present Value When the Firm Is in a Loss Carryforward Position," William J. Hurley, Lewis D. Johnson 43: 1, 73

UNCERTAINTY

"Capital Budgeting Decisions With Fuzzy Projects," Chan S. Park, Chui-Yu Chiu 43: 2, 125

"Fuzzy Nontraditional Capital Investment Criteria (NCIC)," Thomas O. Boucher, Ozerk Gogus 43: 3, 203

"Measures of Liquidity Risk Supplementing Fuzzy Discounted Cash Flow Analysis," E. Ertugrul Karsak 43: 4, 331

"A Metamodel Approach to Sensitivity Analysis of Capital Project Valuation," David E. Sartori, Alice E. Smith 43: 1, 1

VALUATION

"A Metamodel Approach to Sensitivity Analysis of Capital Project Valuation," David E. Sartori, Alice E. Smith 43: 1, 1

INDEX OF AUTHORS

ARMILLOTTA, ANTONIO, (with Quirico Semeraro, Francesco Jovane), "On the Use of the Profit Rate Function in Disassembly Process Planning" 43: 4, 309

BALACHANDRAN, BALA V., (with Ramji Balakrishnan, K. Sivaramakrishnan), "Capacity Planning with Demand Uncertainty" 43: 1, 49

BALAKRISHNAN, RAMJI, (with Bala V. Balachandran, K. Sivaramakrishnan), "Capacity Planning with Demand Uncertainty" 43: 1, 49

BERUVIDES, MARIO G., (with Diego A. Sandoval-Chávez,), "Using Opportunity Costs To Determine the Cost of Quality: A Case Study in a Continuous-Process Industry" 43: 2, 107

BETHUYNE, G., "Optimal Replacement Under Variable Intensity of Utilization and Technological Progress" 43: 2, 85

BOUCHER, THOMAS O., (with Ozerk Gogus,), "Fuzzy Nontraditional Capital Investment Criteria (NCIC)" 43: 3, 203

CHIU, CHUI-YU, (with Chan S. Park,), "Capital Budgeting Decisions With Fuzzy Projects" 43: 2, 125

CHUNG, KUN-JEN, (with Shy-Der Lin,), "The Determination of the Optimal Procurement Policy Under Integrating Working Capital" 43: 3, 269

ÇIL, İBRAHIM, (with Ramazan Evren,), "Linking of Manufacturing Strategy, Market Requirements and Manufacturing Attributes in Technology Choice: An Expert System Approach" 43: 3, 183

EVREN, RAMAZAN, (with İbrahim Çil,), "Linking of Manufacturing Strategy, Market Requirements and Manufacturing Attributes in Technology Choice: An Expert System Approach" 43: 3, 183

FLEISCHER, G. A., (with A. K. Mason, X. Y. Zhou), "The Mid-period and Other Approximations in the Presence of Uniform Intraperiod Cash Flows: A Critical Evaluation of Relative Error" 43: 4, 369

GOGUS, OZERK, (with Thomas O. Boucher,), "Fuzzy Nontraditional Capital Investment Criteria (NCIC)" 43: 3, 203

GOLDBERG, MATTHEW S., "Discount Rates for Government Investment Projects: The Economic Logic Behind OMB Circular A–94" 43: 4, 290

HARTMAN, JOSEPH C., "Automobile Replacement Case Studies for Engineering Economy Classes" 43: 3, 278

HO, SIMON S.M., (with Richard H. Pike,), "Organizational Characteristics Influencing the Use of Risk Analysis in Strategic Capital Investments" 43: 3, 247

HURLEY, WILLIAM J., (with Lewis D. Johnson,), "Net Present Value When the Firm Is in a Loss Carryforward Position" 43: 1, 73

HURLEY, WILLIAM J., "On the Use of Martingales in Monte Carlo Approaches to Multiperiod Parameter Uncertainty in Capital Investment Risk Analysis" 43: 2, 169

JOHNSON, LEWIS D., (with William J. Hurley,), "Net Present Value When the Firm Is in a Loss Carryforward Position" 43: 1, 73

JOVANE, FRANCESCO, (with Quirico Semeraro, Antonio Armillotta), "On the Use of the Profit Rate Function in Disassembly Process Planning" 43: 4, 309

KARSAK, E. ERTUGRUL, "Measures of Liquidity Risk Supplementing Fuzzy Discounted Cash Flow Analysis" 43: 4, 331

LIN, SHY-DER, (with Kun-Jen Chung,), "The Determination of the Optimal Procurement Policy Under Integrating Working Capital" 43: 3, 269

MASON, A. K., (with G. A. Fleischer, X. Y. Zhou), "The Mid-period and Other Approximations in the Presence of Uniform Intraperiod Cash Flows: A Critical Evaluation of Relative Error" 43: 4, 369

NANTHAVANIJ, SUEBSAK, (with Pisal Yenradee,), "Machine Selection and Part Assignment Analysis Under Annual Budget Constraint: A Capital Budgeting Case Study" 43: 4, 345

PARK, CHAN S., (with Chui-Yu Chiu,), "Capital Budgeting Decisions With Fuzzy Projects" 43: 2, 125

PIKE, RICHARD H., (with Simon S.M. Ho,), "Organizational Characteristics Influencing the Use of Risk Analysis in Strategic Capital Investments" 43: 3, 247

SANDOVAL-CHÁVEZ, DIEGO A., (with Mario G. Beruvides,), "Using Opportunity Costs To Determine the Cost of Quality: A Case Study in a Continuous-Process Industry" 43: 2, 107

SARKIS, JOSEPH, "Evaluating Flexible Manufacturing Systems Alternatives Using Data Envelopment Analysis" 43: 1, 25

SARTORI, DAVID E., (with Alice E. Smith,), "A Metamodel Approach to Sensitivity Analysis of Capital Project Valuation" 43: 1, 1

SEMERARO, QUIRICO, (with Francesco Jovane, Antonio Armillotta), "On the Use of the Profit Rate Function in Disassembly Process Planning" 43: 4, 309

SIVARAMAKRISHNAN, K., (with Bala V. Balachandran, Ramji Balakrishnan), "Capacity Planning with Demand Uncertainty" 43: 1, 49

SMITH, ALICE E., (with David E. Sartori,), "A Metamodel Approach to Sensitivity Analysis of Capital Project Valuation" 43: 1, 1

WEE, HUI-MING, "Optimal Buyer–Seller Discount Pricing and Ordering Policy for Deteriorating Items" 43: 2, 151

YENRADEE, PISAL, (with Suebsak Nanthavanij,), "Machine Selection and Part Assignment Analysis Under Annual Budget Constraint: A Capital Budgeting Case Study" 43: 4, 345

ZHOU, X. Y., (with G. A. Fleischer, A. K. Mason), "The Mid-period and Other Approximations in the Presence of Uniform Intraperiod Cash Flows: A Critical Evaluation of Relative Error" 43: 4, 369

INDEX OF BOOK REVIEWS

GEN, MITSUO AND CHENG, RUNWEI, *Genetic Algorithms and Engineering Design,* Book Review by David W. Coit 43: 4, 379